

ADDITIONS TO THE LIST OF KANSAS COLEOPTERA

FOR THE YEARS 1901 AND 1902.

By W. KNAUS, McPherson, Kan.

Read before the Academy, at Topeka, January 1, 1903.

THE following list includes 111 species or varieties of coleoptera new to the Kansas list. Fifty-two of these were collected the season of 1901 at or near Onaga, seven or eight species at Topeka, and one at Galena, by F. F. Crevecœur; three in Douglas county and sixteen in Hamilton and Morton counties, by F. H. Snow, of the State University, Lawrence; two in Pratt and Barber counties, by S. G. Mead and Claude J. Shirk, of McPherson; two at Kansas City, Kan., by G. P. Mackenzie; one at Coolidge and two at Topeka, by Eugene Smyth; one at Oakley, by D. E. Lantz, and one at Tonganoxie, by T. B. Ashton.

Determinations and verifications were made principally by H. C. Fall, of Pasadena, Cal., and P. J. Schmitt, of Beatty, Pa. To these two gentlemen thanks are due.

In the list of 1899 and 1900 a few errors occurred, as follows: *Trechus rubens* is *chalybeus*. *Oodes texanus* is *cupreus*. *Rhynchites glastinus* is *cyanellus*. *Corticaria serrata* is *americanum*. *Agrilus abjectus* is probably an undescribed species. *Epitrax lobata* is *fuscula*. *Bruchus pauperculus* is *siminulum*, and *Trachypæus asperatus* is an undescribed species.

- 15 *Cicindela celeripes* Lec. Morgan City, Clay county, 1875. Popenoe. Numerous specimens at Manhattan and Fort Riley, taken in 1902. Three specimens taken at Onaga in 1901.
- 15a *Cicindela cursitans* Lec. Two specimens, University collection, from Douglas county. Incorrectly reported in first list, volume V, Transactions Kansas Academy of Science.
- 20 *Cicindela nigrocærulea* Lec. Two specimens taken September 2, at Coolidge, by Eugene Smyth.
- 25f *Cicindela limbalis* Klug. Two specimens taken by Roy Rouch near Topeka.
- 25h *Cicindela amœna* Lec. A form of *splendida* taken at Lawrence, Topeka, Manhattan, Salina, McPherson, and, in fact, wherever *splendida* is found.
- Cicindela transversa* Leng. A race of *splendida* occurring wherever that species is taken.
- Cicindela denverensis* Casey. Specimens taken in October at Oakley by D. E. Lantz, and early in May, at Meade, Kan., and in Hamilton county in June, by F. H. Snow.
- Cicindela* var. *unijuncta* Casey. Occurs over the state associated with *refanda*.

- 257 *Cicindela* var. *ponderosa* Thoms. Occurs at Kansas City, Kan., Topeka, Manhattan, Medora, and Dodge City.
- Cicindela knausii* Leng. Salt marshes of Kansas, June and July. Hamilton county, F. H. Snow.
- 134 *Calosoma lugubre* Lec. Common at electric lights over central Kansas. Hamilton county, F. H. Snow.
- Bembidium confusus* Haywd. Topeka and McPherson, August.
- Bembidium grandiceps* Haywd. Berryton, September 1, Princeton, September 5. Crevecoeur.
- 713 *Dicælus leavipennis* Lec. Hamilton county, June. F. H. Snow.
- 732 *Badister pulchellus* Lec. Hamilton county, June. F. H. Snow.
- 900 *Lebia pectita* Horn. Onaga, July 3.
- 931 *Plochionus tumidus* Hald. Onaga, May 10.
- 960 *Hellumorpha texana* Lec. Englewood and Hamilton county, June.
- 965 *Brachynus minutus* Harr. One specimen, Englewood, June 25.
- 967 *Brachynus medius* Lec. One specimen, electric light, McPherson, October 10.
- 1048 *Oodes 14-striatus* Chd. One specimen, southeast Kansas.
- 1308 *Hydroporus divericornis* Sharp. Two specimens, electric light, McPherson.
- 1595 *Tropisternus striolatus* Lec. Topeka, September 2.
- 1610 *Berosus immaculatus* Zimm. One specimen. Rago, June 25.
- 1672 *Cercyon malanocephalum* Linn. Onaga.
- 1678 *Cercyon pygmæum* Ill. Onaga, July 5.
- Connophron*, n. sp. One specimen. McPherson, May.
- Connophron nigripenne* Casey. Onaga.
- Connophron innocuum* Casey. Salina and Onaga.
- 1827 *Connophron fossiges* Lec. Topeka. One specimen. Popenoe.
- 1870 *Tmesiphorus carinatus* Say. Topeka. One specimen. Popenoe.
- 1888 *Decarthron stigmatosum* Brend. Topeka. One specimen. Popenoe.
- 1915 *Bryaxis conjuncta* Lec. Topeka. One specimen. Popenoe.
- Bryaxis species* dubious. Topeka. One specimen. Popenoe.
- 1899 *Batrisis frontalis* Lec. Tonganoxie. Four specimens. T. B. Ashton.
- 1850 *Eumierus motschulskii* Lec. One specimen. Douglas county.
- 1865 *Chennium monilicornis* Brend. One specimen. McPherson, May.
- 1873 *Pilopius zimmermanii* Lec. Two specimens. McPherson, May.
- 9367 *Cylindrarctus crinifer* Casey. One specimen. State University collection, Douglas county.
- Batrisis striatus* Casey. Onaga.
- Reichenbachia ursina* Casey. Manhattan.
- Reichenbachia subsimilis* Casey. Onaga.
- Aleocharinii*. Three unnamed species. Onaga, May, July, and September.
- 2243 *Actobius sobrinus* Er. Onaga, May 21.
- 2472 *Eusthetus brevipennis* Casey. Onaga, December 10.
- 9660 *Leptorus texana* Casey. Onaga, May 21.
- 9661 *Leptorus bicolor* Casey. Onaga, May 22.
- 2585 *Pinophilus latipes* Grav. McPherson, electric light, July.
- 9752 *Oxytelus pennsylvanicus* Er. Onaga, at light, July 26.
- 2899 *Siagonum americanum* Melsh. Onaga, July 6.
- 3013 *Sacium biguttatum* Lec. Onaga, November 13.

- 3047 *Hippodamia spuria* Lec. McPherson, electric light.
Hippodamia complex Casey. One specimen. McPherson.
Scymnus, n. sp. Onaga, June 2.
- 3178 *Rhanis unicolor* Zeigl. Onaga.
- 3427 *Dermestes cadaverinus* Fab. Kansas City, July.
- 3468 *Hister arcuatus* Say. Hamilton county, F. H. Snow.
Brachypterus, n. sp. Onaga.
- 3806 *Corticaria elongata* Horn. Onaga.
- 3901 *Limnichus punctatus* Lec. Onaga, July 25.
Stenelmis, n. sp. Onaga, August.
- 4164 *Cryptohypnus aestivus* Horn. Onaga, July 2.
Chrysobothris, n. sp. One specimen. Belvidere, June 24.
- 4821 *Pyrophyga minuta* Lec. Two specimens. Belvidere, June 24.
Polemium repandum Cos. Onaga, June 12.
- 4905 *Podabrus simplex* Coup. Kansas City, May 26.
- 4996 *Collops eximius* Er. Hamilton county. F. H. Snow.
- 5040 *Anthocomus ventralis* Horn. Morton county, June. F. H. Snow.
Clerus atriventris. Morton county, June.
- 5196 *Hydnosera scabra* Lec. Morton county, June. F. H. Snow.
Ptinidæ, n. gen., n. sp. Onaga, July 3.
Hemiptychus, n. sp. Onaga, August 15.
Aphodius, n. sp. Englewood, June 15.
- 10208 *Aphodius tenuistriatus* Horn. Englewood, June 25; Hamilton county,
 June. F. H. Snow.
- 5589 *Bradycinetus serratus* Lec. One specimen. Englewood, June 24.
- 5954 *Malodon melanopus* Linn. One specimen collection. Chautauqua
 county. Eugene Smyth.
Cyllene lutosus Lec. Onaga, Kan.; also in the University collection.
- 6310 *Leptura cruentata* Hald. Onaga.
- 6355 *Leptura ruficollis* Say. Onaga.
Saperda var. *connexa* Joutel. Topeka. One specimen. June.
- 65136 *Tetraopes basalis* Lec. Hamilton county. F. H. Snow.
Saxinis, n. sp. Englewood, June 25. One specimen.
- 6661 *Pachybrachis dubiosus* Lec. Onaga.
- 10378 *Phyllobrotica limbata* Fab. Onaga, June 26-29.
- 10458 *Phyllotreta pusilla* Horn. Morton county, June. F. H. Snow.
Chaetocnema, n. sp. Onaga, June 2.
- 7141 *Bruchus pectoralis* Horn. Onaga, July 16.
- 7142 *Bruchus uniformis* Lec. Morton county.
- 7201 *Epitragus acutus* Lec. Pratt and Barber counties, August and September.
- 7687 *Orchesia castanea* Mels. Benedict and Onaga.
- 7776 *Tomoxia hilaris* Say. Onaga, July 7.
- 7859 *Mordellistema texana* Smith. Morton county.
- 7922 *Notoxus calcaratus* Horn. One specimen. Morton county. F. H. Snow.
Anthicus lutulentus Casey. Onaga, June.
Lappus cursor Casey. Onaga, July 3.
- 7901 *Xylophilus ater* Lec. Onaga, June and July.
- 8118 *Pyrota bilineata* Horn. Pratt county, August 27.
Auletes subfasciatus Casey. Onaga, May 10.
- 8440 *Listronotus sordidus* Gyll. Onaga.

- 8481 *Hilipis squamosus* Lec. Galena. One specimen. Fall says: "I am surprised at this thing being found in Kansas. It is a beautiful thing, and rare. My single specimen is from Kentucky." "Georgia, Florida, under pine bark." (Lec.)
- Plectromodes armatus* Casey. Onaga, June 18.
- 10866 *Cleonus grandirostris* Casey. Morton county. F. H. Snow.
- 8572 *Endalus aeratus* Lec. Hamilton and Morton counties (F. H. Snow), and Englewood, June 25.
- 8668 *Anthonomus decipiens* Lec. One specimen. Onaga, May 9.
- 8915 *Oomorphidius erasmus* Lec. Onaga, June 2. A rare species.
- 8937 *Limnobaris rectirostris* Lec. Onaga, June 18.
- 11166 *Centrinus denticornis* Casey. Morton and Hamilton counties. F. H. Snow.
- Centrinus*, n. sp. Onaga, July 3.
- 8988 *Sphenophorus robustus* Horn. One specimen. Medora, May.
- 9153 *Scolytus regulosus* Ratz. Onaga, October 28; Topeka, McPherson, Manhattan.
- 9224 *Brachytarsus griseus* Lec. Englewood, June 26. One specimen.